

DNA Technology A/S

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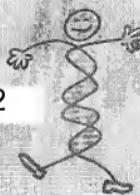


EXHIBIT 2

Karolinska Hospital
Klinisk Immunologi L2:04
S-17176 Stockholm Sverige

Datasheet

Customer no.: 4001787
PhD Omid Rasool

Oligo type: ScanPrimer

Oligo name: Fcld1-1R2

Reference:

Sequence

3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5'	C	C	T	C	G	A	G	C	G	G	A	T	G	T

Xhot

3'

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is Reverse-Phase-Fast-Cartridge-Purified (RP-FCP), 5' DMT group removed, and oligo is dried and redissolved in ddH₂O.

Special Notes:

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 100 µl ddH₂O.

No. of Couplings: 31

Concentration, A260	12
Conc. pmol pr. µl	41
Conc. mg pr. ml	0,4

OD units	1,2
App. Mol. Weight, gram pr. mol	9617,05
Yield in mg	0,0396

STORE AT: minus 20°C

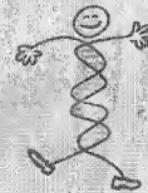
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Karolinska Hospital
Klinisk Immunologi L2:04
S-17176 Stockholm Sverige

Customer no.: 4001787
PhD Omid Raesool

Oligo type: ScanPrimer

Oligo name: Fel d1-2F1

Reference:

Sequence

3 6 9 12 15 18 21 24 27 30 33 36 39 42 45
5' GTC CAT ATG GTT AAA ATG GCT GAA ACC TGC CCG A

181

Datasheet

Cust. Order ref. no.

Shipping date:

Delivery:

Standard

Oligo no.

225895

Order ID/Lot.

48208-5/12

Oligo Scale ScanPrimer

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is Reverse-Phase-Fast-Cartridge-Purified (RP-FCP), 5'DMT group removed, and oligo is dried and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 100 µl ddH₂O.

No. of Couplings: 34

Concentration, A260	20,8
Conc. pmol pr. µl	66
Conc. mg pr. ml	0,7

OD units	2,08
App. Mol. Weight, gram pr. mol	10476,05
Yield in mg	0,0686

STORE AT minus 20°C

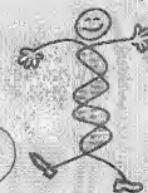
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Karolinska Hospital
Klinisk Immunologi L2:04
S-17176 Stockholm Sverige

Datasheet

132

Cust. Order ref. no.

Shipping date:

Delivery:

Standard

Oligo no.

207854

Order ID/Lot.

42951-6/9

Customer no.: 4001787

PhD Omid Rasool

Oligo type: DNA Oligo

Oligo name: Primer 6

Reference:

Ref#1 chan 1 primer 1

Sequence

3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	
5'	GTA	CAT	ATG	GAA	ATC	TGC	CCG	GCT	GTT	AAA	CGT	GAC	GTT	GAC	CTG
	TTC	CTG	ACC	GGT	ACC	CCG	GAC	GAA	TAC	GTT	GAA	CAG	GTT	G	

3

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 85

Concentration, A260	3.2
Conc. pmol pr. µl	4.0
Conc. ng pr. ml	1.1

OD units	6,4
App./Mol. Weight, gram pr. mol	26297
Yield in mg.	0,21

STORE AT minus 20°C

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Karolinska Hospital
Klinisk Immunologi L2:04
S-17176 Stockholm Sverige

Datasheet

133

Cust. Order ref. no.

Shipping date:

Delivery:

Oligo no.:

Order ID/Lot:

Standard

207857

42981-7/9

Customer no.: 4001787

PhD Omild Rasool

Oligo Scale 40 nmol

Oligo type: DNA Oligo

Oligo name: Primer 7

Reference:

Sequence

tel d1 chain 1 primer 2

3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	
5'	GGC	AGA	GCT	TTG	TAC	TGA	GCA	ACC	TGT	TCA	ACG	TAT	TCG	TCC	CGG

3

Modifications:

Labelling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 68

Concentration, A260	9.2
Conc. pmol pr. µl	145
Conc. mg pr. ml	3

OD units	18.4
App. Mol. Weight, gram pr. mol	20991
Yield in mg	0.61

STORE AT minus 20°C

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Karolinska Hospital
Klinisk Immunologi L2:04
S-1717B Stockholm Sverige

Datasheet

(B4)

Cust. Order ref. no.

Shipping date:

Delivery:

Standard

Oligo no.

207858

Order ID/Lot.

42961-8/9

Customer no.: 4001787

PhD Omid Rasool

Oligo Scale 40 nmol

Oligo type: DNA Oligo

Oligo name: Primer 8

Reference:

Sequence:

3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5' TGC	TCA	GTA	CAA	AGC	TCT	GCC	GGT	TGT	TCT	GGA	AAA	GCG	TCG	TAT

Fet dt₁ chain 1 primer 3

3 -

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 76

Concentration, A260	122
Conc. pmol/pr. µl	172
Conc. mg pr. ml	4

OD units	24,4
App. Mol. Weight, gram pr. mol	23448
Yield in mg	0,81

STORE AT minus 20°C

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S-17176 Stockholm Sverige

Customer no.: 4001787
PhD Omid Rasool

Oligo type: DNA Oligo

Oligo name: Primer 9

Reference:

Sequence:

3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5'-CCT	CTC	GAG	GCA	CAG	CGG	GGA	GGT	GTA	GAT	TTT	GTC	CAG	CAG	GGA
CAG	AGC	GTT	TTC	TTT	GTC	TTC	TTC	GGT	CAT	TTT	AGC	GTC	AAC	GC

Datasheet

135

Cust. Order ref. no.

Shipping date:

Delivery:

Oligo no.

Order ID/Lot.

Standard

207859

42961-9/9

Oligo Scale 40 nmol

Fd at chain 1 position 4

3

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 89

Concentration, A260	8.5
Conc. pmol pr. µl	102
Conc. mg pr. ml	2,8

OD units	1.7
App. Mol. Weight, gram pr. mol	27543
Yield in mg	0,56

STORE AT minus 20°C

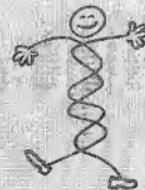
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Karolinska Hospital
Klinisk Immunologi L2:04
S-17176 Stockholm Sverige

Datasheet

Cust. Order ref. no.

Shipping date:

Delivery:

Standard

Oligo no.

207538

Order ID/Lot.

42861-1/9

Customer no.: 4001787

PhD Omid Rasool

Oligo Scale 40 nmol

Oligo type: DNA Oligo

Oligo name: Primer 1

Reference:

Sequence

fel d1 chain 2 primer 1

3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	
5'	GTA	CAT	ATG	GTT	AAA	ATG	GCT	GAA	ACC	TGC	CCG	ATC	TTC	TAC	GAC
	GTT	TTC	TTC	GCT	GCT	AAC	GGT	ARC	GAA						

3'

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 76

Concentration, A260	109
Conc. pmol pr. µl	154
Conc. mg pr. ml	3,6

OD units	21,8
App. Mol. Weight, gram pr. mol	23420
Yield in mg	0,72

STORE AT minus 20°C

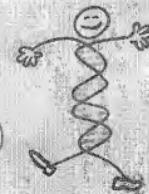
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Karolinska Hospital
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 S-17176 Stockholm Sverige

Datasheet

Customer no.: 4001787
 PhD Omid Rasool

Cust. Order ref. no.

Shipping date:

Delivery:

Standard

Oligo no.:

207842

Order ID/Lot:

42961-2/9

Oligo type: DNA Oligo

Oligo Scale 40 nmol

Oligo name: Primer 2

Fel d1 chain 2 primer 2

Reference:

Sequence

	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5'	GGT	ACG	TTC	CGG	TTC	GGT	AGC	GTT	AAC	TTT	GGT	CAG	GGA	CAG	GTC
	CAG	CAG	CAG	TTC	ACC	GTT	AGC	AAC	AGC						

3

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH2O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 200 µl ddH2O.

No. of Couplings: 75

Concentration, A260	14.3
Cone. pmol pr. µl	203
Conc. mg pr. ml	4.7

OD units	28,6
App. Mol. Weight gram pr. mol	23255
Yield in mg	0,94

STORE AT: minus 20°C

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Karolinska Hospital
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S-17176 Stockholm Sverige

Datasheet

Customer no.: 4001787
PhD Omid Rasool

Cust. Order ref. no.

Shipping date:

Delivery: Standard

Oligo no. 207844

Order ID/Lot. 42961-3/9

Oligo Scale 40 nmol

Oligo type: DNA Oligo

Oligo name: Primer 3

Reference:

Sequence

3' 6 9 12 15 18 21 24 27 30 33 36 39 42 45
5' CTA CCG AAC CGG AAC GTA CCG CTA TGA AAA AAA TCC AGG ACT GCT
ACG TTG AAA ACG GTC TGA TCT CCC GTG TTC TGG AC

Fel del chain 2 primers 3

3'

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 80

Concentration, A ₂₆₀	53
Conc. pmol pr. µl	71
Conc. mg pr. ml	1,7

OD units	10,6
App. Mol. Weight, gram pr. mol	24663
Yield in mg	0,36

STORE AT minus 20°C

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Karolinska Hospital
Klinisk Immunologi L2:04
S-17176 Stockholm Sverige

Datasheet

Customer no.: 4001787
PhD Omid Rasool

Cust. Order ref. no.

Shipping date:

Delivery:

Standard

Oligo no.

207847

Order ID/Lot.

42961-4/9

Oligo Scale 40 nmol

Fel d1 chan 2 primer 4

Oligo type: DNA-Oligo
Oligo name: Primer 4
Reference:
Sequence

3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	
5	GCT	TCA	CCC	ATG	CGG	TCT	TTG	GAG	GAG	GAG	ATG	GTG	GTC	ATA	ACC
	AGA	CCG	TCC	AGA	ACA	CGG	GAG	ATC	AG						

3

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 71

Concentration, A260	67
Conc. pmol pr. µl	100
Conc. mg pr. ml	2,2

OD-units	13,4
App. Mol. Weight, gram pr. mol	22065
Yield in mg	0,44

STORE AT minus 20°C

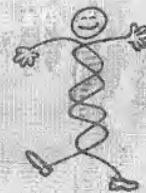
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Karolinska Hospital
Klinisk Immunologi L2:04
S-17176 Stockholm Sverige

Datasheet

Customer no.: 4001787
PhD Omid Rasool

Cust. Order ref. no.

Shipping date:

Delivery:

Standard

Oligo no.

207850

Order ID/Lot.

42961-5/9

Oligo Scale 40 nmol

Fel d1 chain 2 primer 5'

Sequence

3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	
5'	CAA	AGA	CTG	CAT	GGG	TGA	AGC	TGT	TCA	GAA	CAC	CGT	TGA	AGA	CCT
	GAA	ACT	GAA	CAC	CCT	GGG	TGC	CTC	GAG	AGG					

3'

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 75

Concentration, A260	9,6
Conc. pmol pr. µl	135
Conc. mg pr. ml	3,2

OD units	19,2
App. Mol. Weight, gram.pr. mol	23294
Yield in mg	0,63

STORE AT minus 20°C

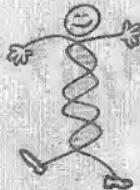
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S-17176 Stockholm Sverige

Datasheet

Customer no.: 4001787
PhD Omid Rasool

138

Cust. Order ref. no.

Shipping date:

Delivery:

Standard

Oligo no.

208556

Order ID/Lot.

43184-11/1

Oligo type: ScanPrimer

Oligo Scale ScanPrimer

Oligo name:

Reference:

Sequence

3 6 9 12 15 18 21 24 27 30 33 36 39 42 45
5' CCT CTC GAG ACC ACC CAG G

3

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is Reverse-Phase-Fast-Cartridge-Purified (RP-FCP), 5'DMT group removed, and oligo is dried and redissolved in ddH₂O

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 100 µl ddH₂O.

No. of Couplings: 19

Concentration, A260	15.2
Conc. pmol pr. µl	8.6
Conc. mg pr. ml	0.5

OD units	1.6
App. Mol. Weight, gram pr. mol	5820
Yield in mg	0.05

STORE AT: minus 20°C

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Karolinska Hospital
Klinisk Immunologi L2:04
S-17176 Stockholm Sverige

Datasheet

Customer no.: 4001787
PhD Omid Rasool

Oligo type: ScanPrimer

Oligo name: Fd 2(2+1)

Reference:

Sequence:

3 6 9 12 15 18 21 24 27 30 33 36 39 42 45
5' CGT TTA ACA GCC GGG CAG ATT TCA CGA CCC AGG GTG TTC AGT TTC

175

Cust. Order ref. no.

Shipping date:

Delivery:

Standard

Oligo no.

225900

Order ID/Lot.

48206-10/12

Oligo Scale ScanPrimer

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is Reverse-Phase-Fast-Cartridge-Purified (RP-FCP), 5'DMT group removed, and oligo is dried and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 100 µl ddH₂O.

No. of Couplings: 45

Concentration, A260	2.8
Conc. pmol pr. µl	6.7
Conc. mg pr. ml	0.9

OD units	2.8
App. Mol. Weight, gram pr. mol	13828.05
Yield in mg	0.0924

STORE AT minus 20°C

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